

FIRST CLASS MAIL



# The Blurb

*A Publication of*

THE PHIL-MONT MOBILE RADIO CLUB, INC.

P.O. BOX 88, ABINGTON, PA 19001

# The Blurb

## March 1995



## VOLUME 45

is published monthly by, and for, the members of **The PHIL-MONT MOBILE RADIO CLUB, INC.** whose purpose is to promote Amateur Radio in general, and Mobile Radio in particular. Copying and quoting is permitted with a credit line. We gladly exchange publications with other amateur radio clubs; requests should be sent to the Editor. **Blurb** subscriptions are available to nonmembers for \$10 addressed to the Treasurer. The club meets sometime after 7:30 p.m. on the first non-holiday WEDNESDAY of every month at **The Franklin Institute Science Museum**, Benjamin Franklin Parkway at 20th Street, Philadelphia. Enter from Winter Street, or the parking garage on 21st street.

## ALL VISITORS ARE WELCOME!

Amateur Radio License Examinations - the first non-holiday Thursday of every month at The Franklin Institute Science Museum—doors close at 6:30 p.m. -SHARP!

## CLUB INFORMATION

24-Hour Information Number at W3TKQ: (215) 448-1139

Repeater frequencies: 147.03 MHz (Roxboro input requires no PL, but outputs 91.5 Hz.)  
PL required for off-site receiver (OSR) access:

Bucks County 131.8 Hz—Center City 103.5 Hz—Lansdale 114.8 Hz  
444.80 MHz (186.2 Hz PL)

Simplex frequency: 147.51 MHz

Packet BBS frequency at W3TKQ: 144.99 MHz  
Mailing Address: P.O. Box 88, Abington, PA 19001

## STATIONS

W3QV - 147.03 MHz. Repeater - 8200 Ridge Avenue, Philadelphia, PA - Trustee W3BBB

W3TKQ - The Franklin Institute Science Museum, Philadelphia, PA - Trustee WU3I

AMATEURS (with license) ARE ALWAYS WELCOME TO OPERATE W3TKQ.

## OFFICERS

PRESIDENT: WU3I, Steve Hoch, 4638 Oakland Street, Philadelphia, PA 19124 (215) 535-8061

1st VICE PRESIDENT: KE3CZ, Bob Wilcox, P.O. Box 21914, Philadelphia, PA 19124 (215) 535-7355

2nd VICE PRESIDENT: N3FVI, Bill Popovic, 343 Lemonte Street, Philadelphia, PA 19128 (215) 487-9472

SECRETARY: W3STW, Al Tribble, 2848 Carter Road, Trevose, PA 19053 (215) 639-6771

TREASURER: N3KGG, Dave Witkowski, 730 Greymont Street, Philadelphia, PA 19116 (215) 969-5485

## DIRECTORS

W3BBB (96); AA3EP (95); K3GNM (A); W3GQD (A); KB3IV (95); K3KUD (A); W3RM (96)

## COMMITTEES

Archives: W3IIN

Blurb Folding: WB3KOH&J

Budget /Audit: K3KUD

Directory: WB3KOJ

Education: AA3CH

Emerg. Coord.: W3BBB

Field Day N3IEI

Membership: N3OWM

Net Control: KB3IV

Program: KE3CZ

Publicity: N3IEI

Refreshments: N3FVI

Repeater: W3BBB

Special Events: AA3EP

VE Program: ND3Q

TVI: W3VVS

W3TKQ: KB3IV

Welcome: NEEDED

## Blurb STAFF

Editor: W3IIM, Jack Haring, 2113 Edgehill Drive, Furlong, PA 18925 (215) 794-7623

Internet address: CHARING@CHMC.MHS.COMPUVERSE.COM

Artist: N3QIE

DEADLINE: To be assured of publication in the current month, all copy MUST be in the hands of the Editor at the Board of Directors' Meeting!

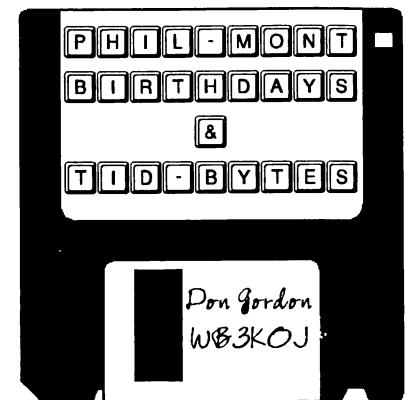
## NET SCHEDULE

SUNDAY	09:30	147.030 MHz FM	"SUNDAY MORNING 2 METER NET"
	10:00	28.993 MHz SSB	"10-ON-10 NET"
	10:20	3.993 MHz SSB	75 METER NET
TUESDAY	20:00	147.030 MHz FM	CW PRACTICE NET
LAST WED	20:00	147.030 MHz FM	W3TKQ OPERATORS' NET

## MARCH BIRTHDAYS

03 Butch Miller - KA3WVT  
Elaine Spencer (XYL W3BBB)  
David Witkowski - N3KGG  
04 John Mills, VI - N3NNM  
06 Marilyn Miller (XYL K3KNH)  
Lydia Vold (XYL W3SGR)  
07 June Faye (XYL W3RCE)  
09 Fayette Toren (XYL W2GMA)  
11 Gale Ackerman (XYL WA3AUN)  
Jim Parker - N3KGH  
14 Peg Lamberti (XYL KE3NP)  
15 Dottie Scialdone-Maresca - K3YPH  
16 Kay Craigie - WT3P  
Susan Vece (XYL N3PWT)  
20 Eyan Hagerty - N3LPM  
21 Ben Roeshman - W3LKI  
Paul Trueax - WF2X  
23 Henry Platt - W3UI\*  
25 Perry Blum - N3AXJ  
Jerrie Haldeman (XYL W3PST)  
26 Anna Madara (XYL W3PWG)  
27 Sharon Lunn (XYL N3RUG\*)  
31 Ted Lada - N3FTZ

\*Indicates New Member - 1994



## SOME MEMBERS REALLY READ THE BLURB!

From the Directory Information Sheet of K3YHP:-

"Reference 'The Prez Sez', Dec '94  
VITAL STATISTICS: 36-24-36."

## LAST CALL

If your dues are not paid by the end of February, your name will not appear in the 1995 P.M.R.C. Directory, and you will not receive the April *Blurb*.

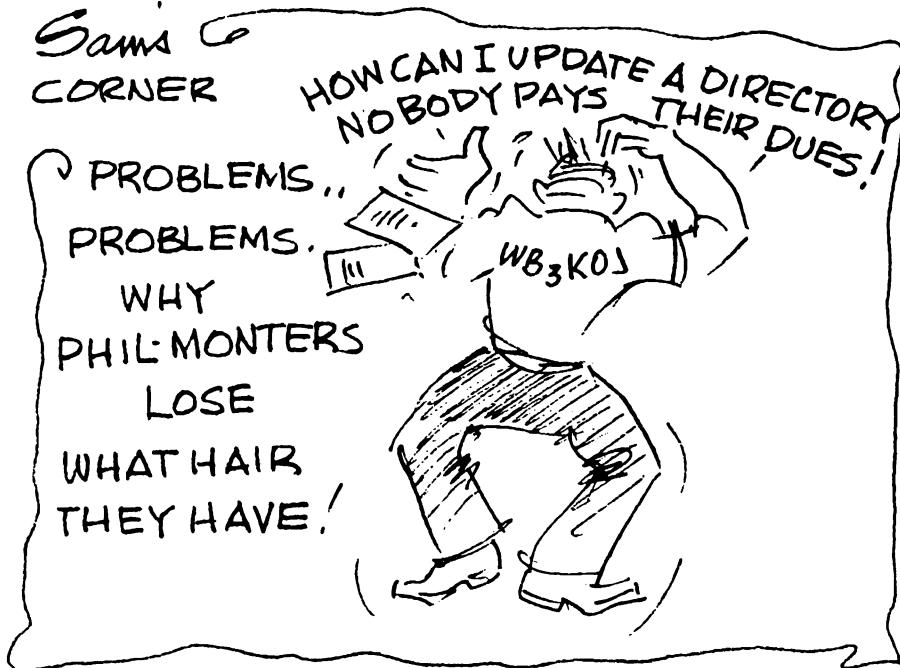
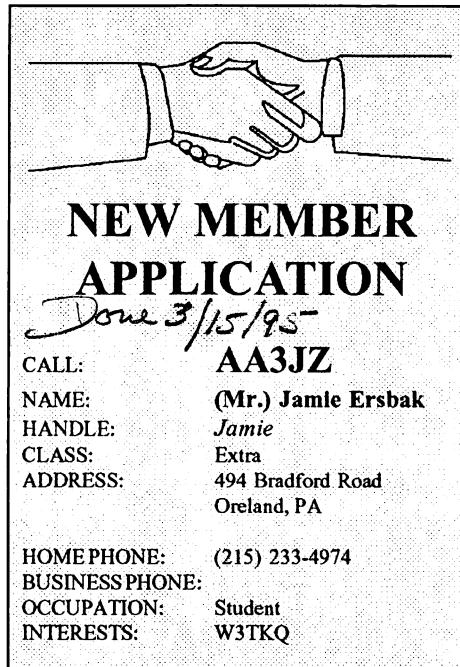
## HELP PHIL-MONT

Are you planning to join ARRL or renew your current membership?  
Help P.M.R.C. by joining or renewing through the club...contact our Treasurer  
Dave Witkowski - N3KGG for details.

## ITU Phonetic Alphabet

When it is necessary to spell-out words phonetically, use the official Phonetic Alphabet. *When copy is difficult*, these words are unmistakable.

A	ALFA	N	NOVEMBER
B	BRAVO	O	OSCAR
C	CHARLIE	P	PAPA
D	DELTA	Q	QUEBEC
E	ECHO	R	ROMEO
F	FOXTROT	S	SIERRA
G	GOLF	T	TANGO
H	HOTEL	U	UNIFORM
I	INDIA	V	VICTOR
J	JULIET	W	WHISKEY
K	KILO	X	X-RAY
L	LIMA	Y	YANKEE
M	MIKE	Z	ZULU



# The PREZ SIZZ

Steve Hoch, WU3I



**A**t this writing we (here in the household) are waiting for the first big snowfall of the season. Also Joann and I are counting the hours 'till we arrive in Florida for our visit with W3AA, WA3YJR, N3EAY and KA3RLD.

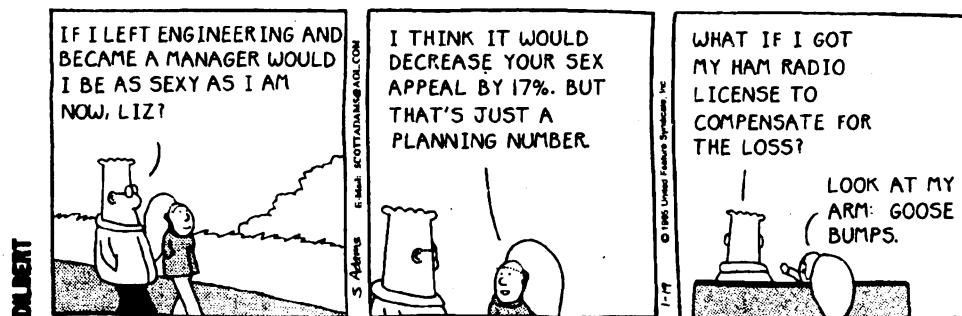
The time is drawing near for antenna repair work, and new installations from those Christmas presents all the good hams got last December. Please remember to exercise caution, and observe all safety rules in installing your new goodies. We all know how much you had to beg to get them.

Spring (don't you love that word) brings us gardens, flowers, and ham-

ests. Also there is that wonderful Phil-Mont tradition Paddlerama. For equal time I must not forget Field Day. Let's hope we can get them on separate weekends this year. Check the 'public events' column for the upcoming events, and contact Charlie-AA3EP to volunteer.

Most important of all, check out Ed KB3IV's column on the club jackets. *You must attend the next meeting to place your order.* There will be jackets to try on to make sure of the correct size. Bring your checkbook (cash accepted).

'Hope to see you all at the March General Meeting, standing in line to try on a jacket. □



*The Philadelphia Daily News via WU3I*

# UPCOMING

**Mar 1** General Meeting program: Officer Glenn Forsyth, Newtown Twp. P.D., D.A.R.E.—program for kids, will discuss on-going efforts to help youngsters find more out of life than drugs and alcohol

**Mar 2** License Examinations at The Franklin Institute

**Mar 15** Directors' Meeting at N3FTC & WU3I's  
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**Apr 5** General Meeting

**Apr 6** License Examinations at The Franklin Institute

**Apr 19** Directors' Meeting at KA4LIF's

# HAMFESTS

**Mar 4** ABSECON, NJ  
Shore Points ARC

**Mar 12** YORK, PA  
Springfest

**Mar 25-26** TIMONIUM, MD  
Baltimore ARC

**Apr 2** TRENTON, NJ  
DVRA

**Apr 23** WILMINGTON, DE  
Penn-Del ARC

**May 7** WRIGHTSTOWN, PA  
Warminster, ARC

**July 9** TIMONIUM, MD  
BRATS

**Aug 6** WARRINGTON, PA  
MARC

**Aug 13** EASTON, PA  
Delaware Lehigh ARC

# V.E. TEST LOCATIONS

Confirm all information, in advance, with the contact person. Licensed applicants must bring the original, and one photocopy of their license. All applicants, including children, must two means of positive ID. Also bring the original, and a copy, of any Certificate of Successful Completion needed to prove current status. The ARRL VEC's 1995 test fee is \$5.90; there is no charge for a Novice test.

## • The FRANKLIN INSTITUTE

Monthly, 1st Thursday—Dusty Rhoads, ND3Q  
(215) 879-0505 *day*, (215) 482-0386 *home*

## • BELLMAWR, NJ

Monthly, 3rd Thursday—Bill Helmatag  
(609) 546-7710

## • BRYN MAWR

Irregularly—Bob Lees  
(215) 265-6032

## • LEVITTOWN

Monthly, 1st Saturday—George LeNoir, WR3B  
(215) 943-4886

## • LINWOOD, PA—(Commercial & Amateur Exams.)

4/29 • 8/26—Russ Stafford, AA3CH  
(610) 497-2211, (302) 792-7760 *home*

## • MORRISVILLE

Monthly, 3rd Thursday—Dave Munson, NM3K  
(215) 788-7515

## • POTTSSTOWN

Monthly, 1st Monday—Warren Erdman K3ZXQ  
(215) 679-5764

## • TELFORD

Monthly, 3rd Monday—Warren Erdman K3ZXQ  
(215) 679-5764

## • UNIVERSITY OF PA

Monthly, Last Saturday—Jeff DePolo  
(215) 898-8538 *shack*, (215) 337-7383 *home*

## • WARMINSTER

Monthly, Last Wed.—Tom Michaud, WA3TQJ  
(215) 343-3494

# PUBLIC SERVICE EVENTS

*Charlie Weigand, AA3EP (215) 324-0167*

**Apr 23** M.S. Walk

**May 20** Spring Cycle

**Sep 30** City-to-Shore (2-day round trip)

**Dec 3** Brian's Run (West Chester area)

# NAVTEX replaces Morse Code in the Maritime Service.

**N**AVTEX is a maritime radio warning system consisting of a series of coast stations transmitting radio teletype (CCIR Recommendation 476 standard narrow band direct printing, sometimes called Sitor or ARQ/FEC) safety messages on the international standard medium frequency 518 kHz. Coast stations transmit during preset time slots so as to minimize interference with one another. Routine messages are normally broadcast four to six times daily. Urgent messages are broadcast upon receipt, provided that an adjacent station is not transmitting. Since the broadcast uses the medium frequency band, a typical station service radius ranges from 100-500 NM day and night. Interference from, or receipt of, stations farther away occasionally occurs at night.

Each NAVTEX message broadcast contains a four-character header describing identification of station (first character), message content (second character), and message serial number (third and fourth characters). This header allows the microprocessor in the shipborne receiver to screen messages, selecting only those stations relevant to the user, messages of subject categories needed by the user, and messages not previously received by the user. Selected messages are printed on a roll of paper as received, to be read by the mariner at his convenience. Unwanted messages are sup-

pressed. Suppression of unwanted messages is more and more important to the mariner as the number of messages, including rebroadcasts, increases yearly. With NAVTEX, a mariner will no longer find it necessary to listen to, or sift through, a large number of irrelevant data to obtain the information necessary for safe navigation.

Vessels regulated by the Safety of Life at Sea (SOLAS) Convention, as amended in 1988 (cargo vessels over 300 tons, and passenger vessels on international voyages), and operating in areas where NAVTEX service is available, have been required to carry NAVTEX receivers since 1 August 1993. *The USCG discontinued broadcasts of safety information over MF Morse frequencies on that date.*

The USCG voice broadcasts (Ch. 22A), offering more inshore and harbor information, will remain unaffected by NAVTEX. With NAVTEX, mariners who do not have the knowledge of Morse code necessary to receive safety messages, or who have difficulty receiving them on a timely basis, should find a significant advantage in owning a NAVTEX receiver. Mariners not able to man a radio on a 24-hour basis in order to hear critical warning messages (e.g., commercial fishermen) should also find a significant advantage in owning a NAVTEX receiver. ☺

*USCG Local Notice to Mariners*

**“DON’T TAILGATE... WAIT”**—for the courtesy ☺!



# The Southern Reporter

Howard "Gil" Gilpin, W3SRU

For some reason, many Amateur Radio Operators are unclear as to the differences between ARES and RACES.

The Radio Amateur Civil Emergency Service (RACES) functions under the federal, state, and local emergency management agencies (also referred to as Civil Defense) as defined in Part 97 of the FCC Rules and Regulations. As stated in the regulations, communications must be limited to governmental type message traffic, and may only be conducted between RACES stations. Other stations, specially authorized by the FCC, may also participate in these communications. Amateur radio operators must be registered with their local emergency management agency in order to participate. Each RACES organization has an Amateur Radio Operator designated as radio officer (RO) to oversee RACES operations.

The Amateur Radio Emergency Service (ARES) operates under the American Radio Relay League (ARRL). Each ARRL Section, such as our South Florida Section, has an ARES Section Emergency Coordinator (SEC), and each geographical subdivision, such as a county or large city, has an Emergency Coordinator (EC). The EC has sole responsibility for operations within his/her area. The ARRL and the SEC provide material and training support, and do not become involved in how emergency communications are conducted by the EC. Amateurs operating under ARES need not be ARRL members. Most operators in ARES

are also members of RACES, which is recommended.

RACES is activated by a local emergency management agency when deemed necessary, usually as a result of a major disaster such as a flood or hurricane, etc. In these types of emergencies, federal, state, and local agencies provide materials, personnel and facilities, where required, to meet the local needs. RACES helps to provide the communicating required for these activities.

ARES may be activated at any time that local public safety officials, or others, require communications assistance in emergencies that are at a lower level than those that require emergency management and RACES participation. These might include a search for a lost child, the loss of telephone service, a power outage, etc. ARES usually is also activated when RACES is, to provide nongovernmental type communications services for relief organizations, medical assistance teams, etc.

The first paragraph in the FCC Rules and Regulations, Part 97, Amateur Radio Services, states that one of the fundamental purposes for the existence of the Amateur Radio Service is to provide noncommercial emergency communications. Those of you who enroll in RACES and ARES are helping to fulfill that requirement. ☺

*Editor's note: Gil, a past president of Phil-Mont, was recently appointed Lee County (Florida) EC.*



# MINUTES

FEBRUARY GENERAL MEETING  
Al Tribble, W3STW, Secretary

B roken promises not to pig out on sweet cakes, soda and coffee came to a screeching halt at 7:36 p.m. Partakers of the goodies had come together for the PMRC 541st general meeting, President WU3I Steve, presiding.

The agenda consisted of reports from the committees that make PMRC a premier organization; recognized by the ARRL publication QST, and NASA's SAREX (space amateur radio experiment) program.

KB3IV-Ed, Assistant Treasurer, and active on several committees, stated he would be available, during the meeting, to collect membership dues.

N3OWM-Ted, Welcoming Committee chairman, acknowledged, and the audience applauded, new PMRC members: N3SHI-Walt, N3STR-Lawrence, N3TMC-Stan and N3TRO-Michael.

KB3IV-Ed, Net Control chairman, asked for help in operating the Tuesday 8 p.m. code practice net. The nets are operating satisfactorily, but an additional 2-meter net control operator would be an improvement.

AA3EP-Charlie, Special Events chairman, needs help for the MS April 23rd walk; several sites will be supported. Help is also needed to support the Spring Classic, so Charlie needs more than 15 operators. Charlie states the MS event will feed participants, come on out.

ND3Q-Dusty, V.E. Chairman, spoke briefly about the new F.C.C. 610 form,

before comments (shots really) from the floor stopped him cold. 'Seems the new form does not give a return address [which is regularly printed in the *Blurb*—see page 7-ed]. Dusty fielded the shots from the floor very well, in fact he continued to try to educate by mentioning an outfit that is charging \$5 to process license renewals, and that 610 forms can be obtained from W3TKQ. ND3Q says "if you are a General Class licensee or higher, and you would like to join his committee, contact him about becoming a V.E."

WU3I, W3TKQ trustee, reported the Rupp meter and Wieman transceiver are still out for repair. N3FVI-Bill, stated that Rupp had changed address, and equipment repairs are taking longer. The 220 MHz transceiver has received weak signal reports; the unit will undergo in-house testing. KB3IV reminds the volunteers, who operate W3TKQ, of a net at 8 p.m. on the last Wednesday of the month. Kudos to W3/4X4LT-Yoel, for joining the W3TKQ crew.

KB3IV, reporting on the jacket project, asks that those interested in the purchase of a club jacket be present at the March meeting for the purpose of ordering the correct jacket size. Your check or money order accepted. There will be sample jackets representing available sizes and (price) for you to try on before you order, i.e. small to XL (\$45) 2x (\$47) and 3x (\$49). The jackets are year-round with a quilted lining, navy blue color, and will have the club logo on the

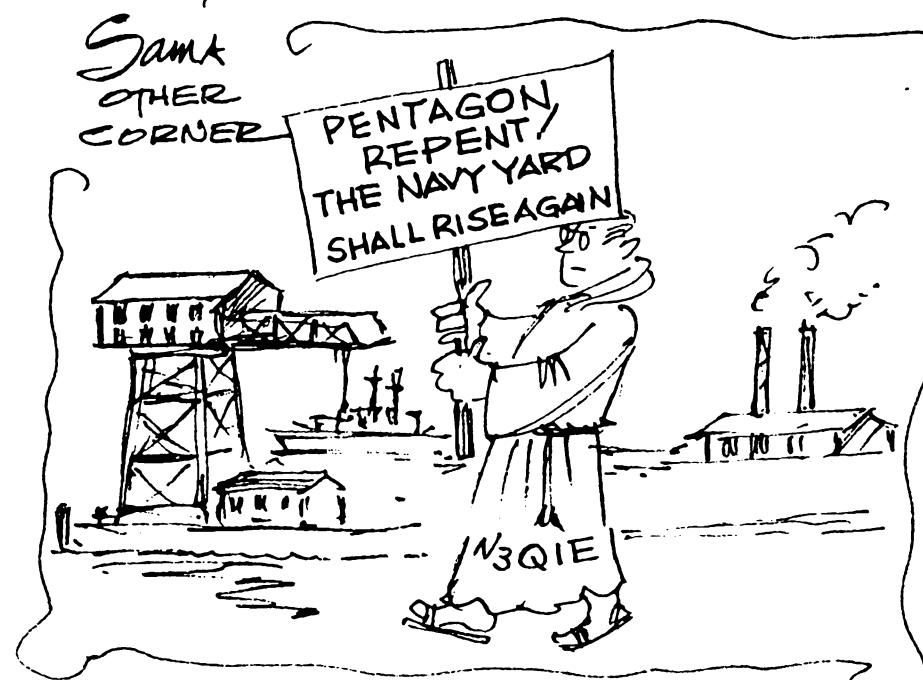
back. Your call and name (hopefully a short one) will be embroidered on the front. No ooopses allowed on this project. If you think this easy folks... you try a project like this. Many many thanks Ed for the effort.

KA4LIF-Tom, reports that attending this 541st PMRC meeting are guests Miss Anna Popovic, K3LYB-Abel, W3OWH-Hal, N3FLS-Leo, AA3AN-Dan, W3FZR-Neil, N3BOM-Bill, KA3SED-Randy, KB3AIB-Tom, W3/4X4LT-Yoel and 24 members.

## MINUTES FEBRUARY DIRECTORS' MEETING

AI Tribble, W3STW, Secretary

Due to an early deadline this month, the Directors' minutes will be included in next month's issue.



## "Jacket Day" Has Arrived!

It's taken a long time, but jacket day has arrived! We will be taking orders for PMRC jackets on Wednesday, March 1st, at the General Meeting.

They are 100% Dupont nylon, satin baseball-style jackets, with knit cuffs and collars. They are water repellent, all-year wear, with a quilt lining, raglan sleeves, and slash pockets with storm welts.

The jackets are navy blue with white trim on collar and cuffs. The new Phil-Mont logo will be in three colors on the back, just as it appeared on the front of the January 1994 *Blurb*. Your name and callsign will be embroidered on the front of the jacket.

Available sizes are: 'small' through 'extra-large' at \$45; '2XL' at \$47, and '3XL' at \$49. I will have at the meeting, sample jackets in every available size, so you can be sure of getting a correct fit.

To order a jacket on the first go-round, you must be present at the meeting, try on for size, and pay in full when you place your

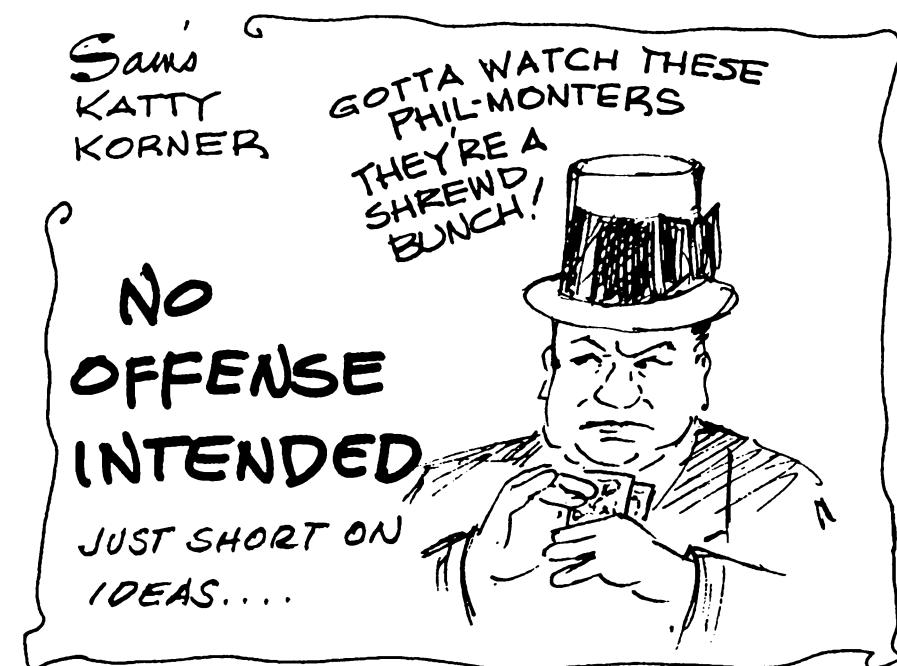
order. Check, money order or cash is acceptable.

I will have an order form made-up, and you will receive a copy. Be sure that your call and name are noted correctly on the form.

If you want to order a jacket, but cannot get to the March meeting, you'll have to wait until the next order is placed. We can only order in minimum lots of 12. Once the first order is delivered and distributed, we will take additional orders. Another meeting will be designated for ordering, and those members who already have jackets will make them available to try on for size. At this time we cannot take any mail or phone orders.

I can promise you that your PMRC jacket is one that you will be proud to own and wear. If you have any questions about club jackets, please contact me on the repeater or by phone. No faxes please.

—KB3IV-Jacket Chairman



# THE W 3 T K Q REPORT

THE

**G**etting cabin fever? Looking for something to do? It's perfect weather to visit a museum.

Bundle up, and head down to The Franklin Institute Science Museum. See what attracts over a half million people a year. While you're at W3TKQ, see what inspires the volunteers to give their time week after week. You don't have to be an official volunteer to help out at 'TKQ, although we are always looking for more—and there are several benefits. You can help out as an operator any time. One or two days a year would be helpful. Just call the station—(215) 448-1139—to make arrangements. If you're interested in volunteering to help to preserve a great hobby, get in touch with Steve—WU3I, ED-KB3IV, or me.

Most of the equipment is holding up remarkably well. The ATV transceiver is back to the manufacturer for repairs, and should be back in service soon. The Rupp wattmeter repair has been delayed due to the company moving. Al-'STW and I are going to recalibrate the Ten Tec Omni soon, which should cure the off-frequency problem. Please let us know of any other equipment problems.

'Hope to see you at W3TKQ.  
—Bill Popovick, N3FVI

## W3TKQ Operators' Net

The last Wednesday of every month.

Don't Miss It!

## 118<sup>TH</sup> MONTHLY VE SESSION STATISTICS FEBRUARY

20 candidates took 47 elements  
7 new amateurs plus 5 upgrades

VE team members:  
**Dusty Rhoads, ND3Q, Chairman**  
Stan Kieffer, N3GEZ; Steve Hoch, WU3I; Vince Braxton, K3SNZ;  
Al Tribble, W3STW; Joe Pearlstein, NU3Y;

AMATEUR LICENSE EXAMS HELD ON THE FIRST  
NON-HOLIDAY THURSDAY OF EVERY MONTH

Registration begins at 6:00 PM

Doors close at 6:30 PM sharp

### THE FRANKLIN INSTITUTE SCIENCE MUSEUM

For Information Call ND3Q at  
(215) 482-0386 or 879-0505  
Accessible by the handicapped.



### The Gettysburg Address

(which is not printed on the new 610 forms)

Federal Communications Commission  
1270 Fairfield Road  
Gettysburg, PA 17325

License Questions: (800) 322-1117

### NEWSLETTERS EXCHANGED

Anne Arundel Radio Club (Maryland)  
Baltimore Radio Amateur Television Society (BRATS)  
Chaverim of Delaware Valley  
Cherryville Repeater Association (New Jersey)  
Delaware County Amateur Radio Association (DCARA)  
Delaware-Lehigh Amateur Radio Club (DLARC)  
Delmont Radio Club  
Fort Myers Amateur Radio Club (Florida)  
Mid-Atlantic Amateur Radio Club (MARC)  
Penn Wireless Association  
R F Hill Amateur Radio Club  
Reading Radio Club  
Sanibel Amateur Radio Emergency Unit (Florida)  
Sussex Amateur Radio Ass'n (SARA) (Delaware)  
The 96 Over The Hill Gang (New Castle, Delaware)  
Tompkins County Amateur Radio Club (New York)  
Warminster Amateur Radio Club  
Worldradio Magazine  
Exchanges with additional parties are welcomed.

Call  
**1-800-32-NEW-HAM**  
for free information for  
prospective hams

1995

## MARCH

1995

| SUNDAY                                                                                            | MONDAY                                 | TUESDAY                                                                      | WEDNESDAY                                                                                                                                                      | THURSDAY                                                                                                                                              | FRIDAY                                                                     | SATURDAY                                     |
|---------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------------|
|                  |                                        |                                                                              | <b>1</b> ●<br><b>GENERAL MEETING</b><br>at<br><b>The Franklin Institute</b><br>Refreshments at 7:00 p.m.<br>Meeting starts after 7:30.<br><i>Ash Wednesday</i> | <b>2</b> ●<br><b>LICENSE EXAMS</b><br>at<br><b>The Franklin Institute</b><br>Registration begins at 6:00<br>Doors close at 6:30 p.m.<br><i>sharp!</i> | <b>3</b>                                                                   | <b>4</b><br><br><i>Absecon, NJ Hamfest</i>   |
| <b>5</b><br><br>2M NCS KB3IV<br>10M NCS W3HFY<br>75M NCS W3PWG                                    | <b>6</b>                               | <b>7</b><br>CODE PRACTICE<br>NET at 8 PM                                     | <b>8</b>                                                                                                                                                       | <b>9</b>                                                                                                                                              | <b>10</b>                                                                  | <b>11</b>                                    |
| <b>12</b><br><br>2M NCS N3FTY<br>10M NCS W3HFY<br>75M NCS AA3CH<br><br><i>York Springfest</i>     | <b>13</b>                              | <b>14</b><br>CODE PRACTICE<br>NET at 8 PM<br><br><i>Albert Einstein 1879</i> | <b>15</b><br>DIRECTORS'<br>MEETING at<br>N3FTC & WU3I's<br><br><i>Andrew Jackson 1767</i>                                                                      | <b>16</b>                                                                                                                                             | <b>17</b> ○<br><br><i>St. Patrick's Day</i>                                | <b>18</b><br><br><i>Rudolph Diesel 1858</i>  |
| <b>19</b><br><br>2M NCS W3GQD<br>10M NCS W3HFY<br>75M NCS W3STW                                   | <b>20</b><br><br><i>Vernal Equinox</i> | <b>21</b><br>CODE PRACTICE<br>NET at 8 PM                                    | <b>22</b>                                                                                                                                                      | <b>23</b>                                                                                                                                             | <b>24</b>                                                                  | <b>25</b><br><br><i>Timonium Hamfest 1/2</i> |
| <b>26</b><br><br>2M NCS NS3Y<br>10M NCS W3HFY<br>75M NCS KB3IV<br><br><i>Timonium Hamfest 2/2</i> | <b>27</b>                              | <b>28</b><br>CODE PRACTICE<br>NET at 8 PM                                    | <b>29</b><br>W3TKQ<br>OPERATORS' NET<br>8 PM                                                                                                                   | <b>30</b>                                                                                                                                             | <b>31</b> ●<br><br><i>Success is a<br/>journey, not a<br/>destination.</i> |                                              |